



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

400 Seventh St., S.W.
Washington, D.C. 20590

DOT-E 11868
(FIFTH REVISION)

DEC 11 2003

EXPIRATION DATE: November 30, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: United States Enrichment Corporation
Paducah, Kentucky

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of cylinders with valves and plugs that are tinned with certain American Society of Testing Materials (ASTM) solder alloys other than those required by the American National Standards Institute (ANSI) Standard N14.1 referenced in the Hazardous Materials Regulations. This exemption does not affect the validity of U.S. Competent Authority Certificates issued for the international transportation of uranium hexafluoride. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 172.301(c) and 172.302(c) in that marking requirements are waived; and § 173.420(a)(2)(i) in that alternative solder alloys, as specified in paragraph 7, are authorized for tinning the cylinder valves and plugs.
5. BASIS: This exemption is based on the application of USEC dated December 2, 2003 submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

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Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Uranium hexafluoride, fissile (with more than one percent U-235)	7	UN2977	N/A
Uranium hexafluoride, fissile excepted or non-fissile	7	UN2978	N/A

7. SAFETY CONTROL MEASURES: PACKAGING - Cylinders which are manufactured in compliance with the ANSI Standard N14.1 except that the valves and plugs have been tinned with various solder alloys. In addition to Type 50A solder, cylinder valves and plugs may be tinned with ASTM B32, Type Sn50 solder or a mixture of two parts Type 50A or Type Sn50 and one part Type 40A or type Sn40A solder. The tin content of the mixture may not be less than 46 percent.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption, but receives a package covered by this exemption, may reoffer it for transportation provided no modifications or changes are made to the package and it is offered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. MARKING - The marking requirements of §§ 172.301(c) and 172.302(c) are waived.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel and cargo aircraft only.

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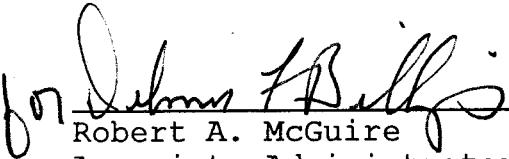
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each aircraft used to transport packages covered by this exemption. The shipper must furnish a current copy of this exemption to the air carrier before or at the time the shipment is tendered.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
 - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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(DATE)

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Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.


Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: sln

MAR 16 2004

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Bechtel Jacobs Company, LLC Oak Ridge, TN	Feb 02, 2004	Mar 16, 2004	Nov 30, 2005
Framatome ANP, Inc. (former grantee: Siemens Power Corp.) Richland, WA	Dec 18, 2003	Mar 16, 2004	Nov 30, 2005
Global Nuclear Fuel- Americas, L.L.C. Wilmington, NC	Dec 02, 2003	Dec 12, 2003	Nov 30, 2005
Honeywell International, Inc. Morristown, NJ	Jan 12, 2004	Mar 16, 2004	Nov 30, 2005
United States Enrichment Corporation (USEC) Paducah, KY	Dec 02, 2003	Dec 12, 2003	Nov 30, 2005
Westinghouse Electric Company, LLC Columbia, SC	Feb 27, 2004	Mar 16, 2004	Nov 30, 2005


Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety